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*Fig. 1*

## (A) H chain

	1	2	3
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	
3B10 HBS-1	Q V K L L E S G P E L K K P G E T V K I S C K A S G Y T F T Q V Q L L E S G G G V V Q P G R S L R L S C A A S G F T F S		
	4	5	6
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0
3B10 HBS-1	N Y G N N W V V K Q A P G K G L K W M G W I N T Y T O E P T Y S N S M H W V V R Q A P G K G L S W V A V I L Y D G N H K F Y		
	7	8	9
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0
3B10 HBS-1	A D D P K G R F A F S L E T S A S T A Y L Q I N N L K N E D A D S V K G R F T I S R D N S K N T L Y L E V K S L Q T E D		
	0	1	1
7 8 9 0 1 2 3 4 5 6 7 8 9 0	a b c 1 2 3 4 5 6 7 8 9 0	a b c 1 2 3 4 5 6 7 8 9 0	a b c 1 2 3 4 5 6 7 8 9 0
3B10 HBS-1	M A T Y P C A R Y D Y D C F D Y W G Q G T T V T V S S T G V Y Y C I R D Q T Y G V M R P D S W G Q G T L V T V S S		

## (B) L chain

	1	2	3
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	
3B10 HBS-1	D V D L T Q C P A I M S A S L G E R V T M T C T A C S S V S D V Q M T Q S P S A M A A S V G D R V T I T C R A S Q G I G		
	4	5	6
1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0
3B10 HBS-1	F S Y L H W Y O Q X P G S F K L W I Y S T S N L A S G V P N Y L V W F Q Q X P G K V P X R L T I Y A A S S L Q S G V F		
	7	8	9
0 1 2 3 4 5 6 7 8 9 0	0 1 2 3 4 5 6 7 8 9 0	0 1 2 3 4 5 6 7 8 9 0	0 1 2 3 4 5 6 7 8 9 0
3B10 HBS-1	A R F S G S G S G T S Y S L T I S C H E A B D A A T Y Y C H S R F S G S G S G T E F T L T I S S L Q P E D F A T Y Y C L		
	0	1	0
0 1 2 3 4 5 6 7 8 9 0	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7
3B10 HBS-1	Q Y L R S F Y T F G G G T K L R I K H H N N Y P L S F G G G T K V E I K		

Fig. 2

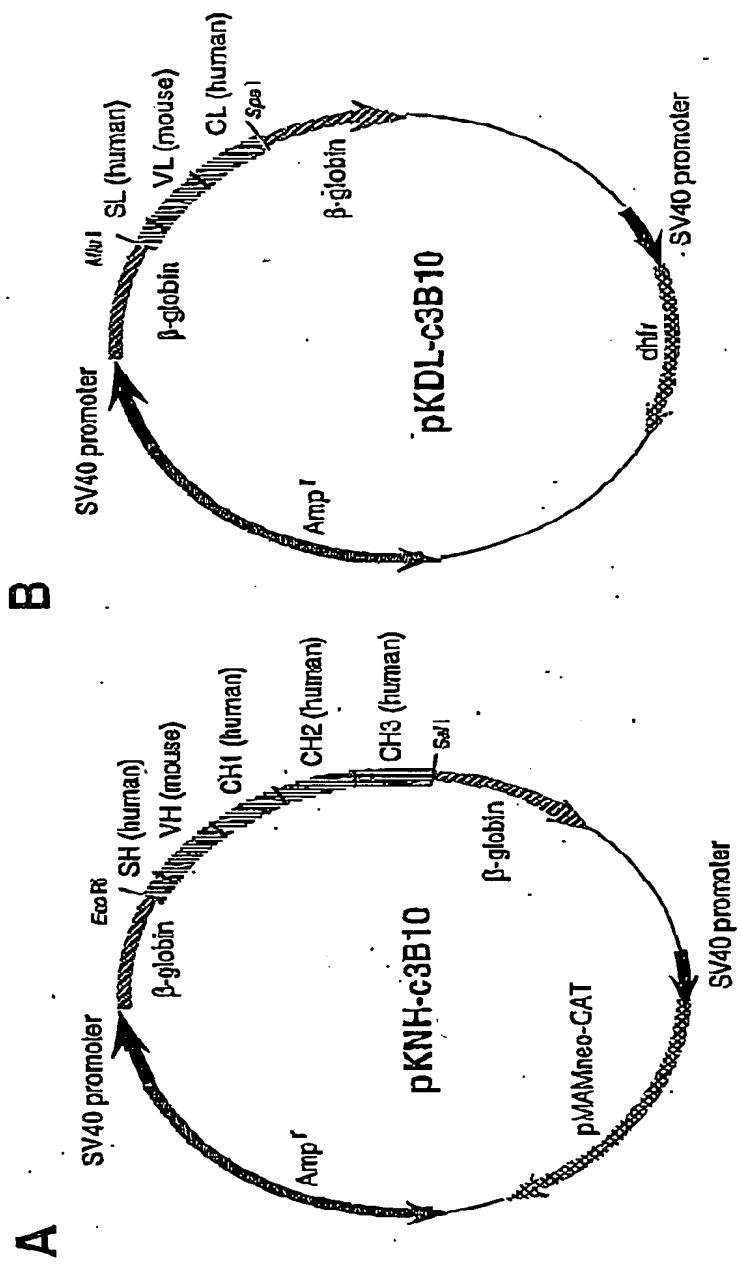
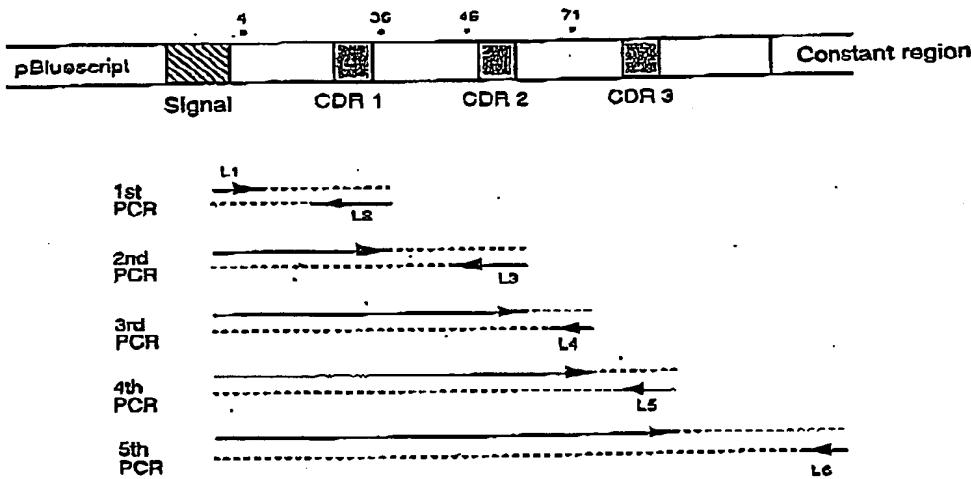


Fig. 3

(A)



(B)

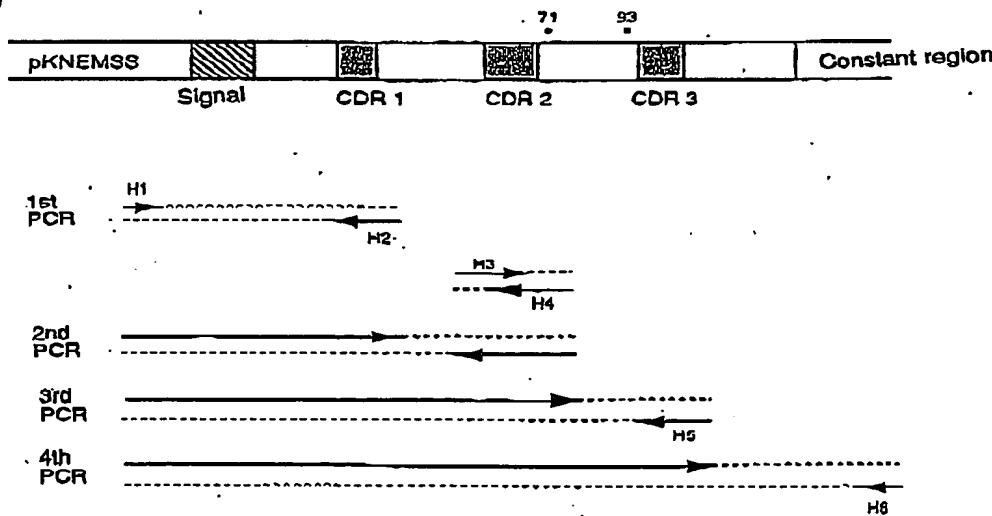
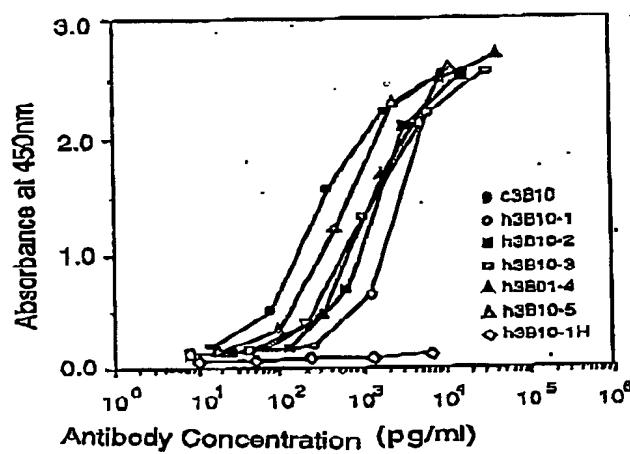


Fig. 4

(A)



(B)

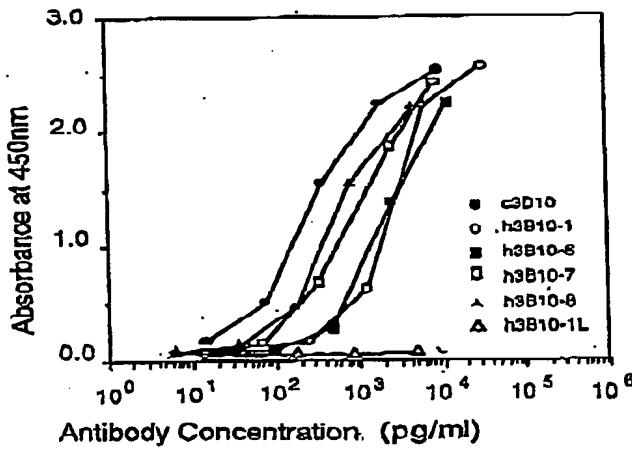
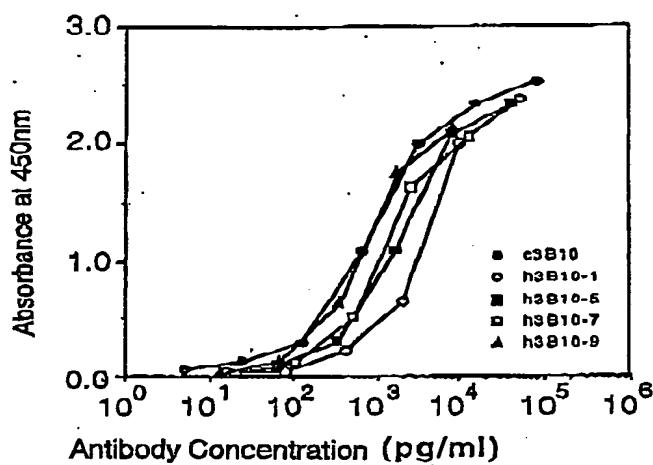


Fig. 5

(A)



(B)

